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Fig. 1 is a perspective view showing a laser according to the invention with cooling means at both ends;

Please replace the paragraph beginning on page 6, line 9 with the following paragraph in clean form:

Fig. 2 is a perspective view of the laser according to the invention with the cooling fins removed and portions thereof broken away, where the two electrodes with cooling medium channels, as well as the structure of the end pieces with flexible bearings, can be seen;

Please replace the paragraph beginning on page 6, line 12 with the following paragraph in clean form:

Fig. 3 is a perspective view of a flexible bearing end piece utilized in the laser of Figure 1;

Please replace the paragraph beginning on page 6, line 13 with the following paragraph in clean form:

Fig. 4 is a section view of the flexible bearing end piece of Fig. 3;

Please replace the paragraph beginning on page 6, line 14 with the following paragraph in clean form:

Fig. 5 is a longitudinal section view of the laser structure of Fig. 2 with the section being taken along a plane passing through the longitudinal axis thereof;

PI as replac th paragraph b ginning on pag 6, line 15 with the following
 paragraph in clean form:

Fig. 6 is an exploded view of the laser structure of Figure 1 with a shielding netting surrounding the tubular housing all in accordance with the present invention;
 and

Please replace the paragraph beginning on page ⁷~~6~~, line ¹⁻³~~17~~ with the
 following paragraph in clean form:

Fig. 7 is a perspective view of a laser structure with a tubular housing that in its center is provided with a flexible bellows all in accordance with the present invention.

On page 6, between lines 18 and 19, please insert the following header:

N.E. DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please replace the paragraph beginning on page 7, line 12 with the
 following paragraph in clean form:

This makes it possible, by means of the adjusting screws 20, to adjust the end pieces, which as shown in Fig. 2, each support one of the two electrodes fastened on the outer (movable) section 24, by means of the adjusting screws 20 in the angular position to the other electrode in each instance (in Fig. 2) to the electrode 36, which is fastened at the left end.

IN THE CLAIMS

Please amend the claims in accordance with the following rewritten claims in